ABSTRACT OF THE DISCLOSURE

Provided is an agile, adaptive, globally deployable online network-centric autonomic supply chain management system that when triggered by a predictive / diagnostic condition management system, without user-maintainer intervention, autonomously authorizes a complete requisitioning cycle of supply chain assets to warfighters with unprecedented criticality of speed. A requisitioning cycle is comprised of: (1) asset issue authorization to a vehicle / requester (2) retrograde [return] of repairable to depot and (3) replenishment [resupply] of drawn inventory. It also autonomically provides global total asset visibility of the asset(s) of interest and a tempo surge-priority ranking with a calm-down functions. The system operates in either default autonomic mode or a user activated semi-autonomic mode. In either mode of operation a requisition cycle is accomplished autonomically by selection of the most affordable transportation that ensures delivery of an asset to a user in accordance with contractually specified time-definite delivery standards. The system's material delivery performance effectiveness percentage rate is archived for billing purposes and monitoring system performance metrics. The system almost eliminates SCM administration personpower requirements. It accelerates the entire logistics supply pipeline, resulting in: - higher annual inventory turn-rates thus permitting inventory levels to be reduced and smaller wartime pack up kits thereby lowering lifetime total operating costs. Smaller pack up kits reduces the logistics footprint and thus the number of cargo aircraft required to deploy a unit.